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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **520.43505X00**First Inventor **TAKEI, KEN**Title **ANTENNA AND WIRELESS APPARATUS**

Express Mail Label No.

APPLICATION ELEMENTS

SEE MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

- 1.
- ☒
- Fee Transmittal Form (e.g., PTO/SB/17)
-
- (Submit an original and a duplicate for fee processing)

- 2.
- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27.

- 3.
- ☒
- Specification [Total Pages:
- 30**
-]
-
- (preferred arrangement set forth below)

-Descriptive title of the invention
-Cross Reference to Related Applications
-Statement Regarding Fed sponsored R & D
-Reference to sequence listing, a table,
or a computer program listing appendix
-Background of the Invention
-Brief Summary of the Invention
-Brief Description of the Drawings (if filed)
-Detailed Description
-Claim(s)
-Abstract of the Disclosure

- 4.
- ☒
- Drawing(s) (35 U.S.C. 113) [Total Sheets:
- 10**
-]

5. Oath or Declaration [Total Sheets:
- 3**
-]

- a.
- ☒
- Newly executed (original or copy)
-
- b.
- ☐
- Copy from a prior application (37 CFR 1.63 (d))
-
- (for continuation/divisional with Box 18 completed)

- i.
- ☐
- DELETION OF INVENTOR(S)**
-
- Signed statement attached deleting inventor(s)
-
- Named in the prior application, see 37 CFR
-
- 1.63(d)(2) and 1.33(b)

- 6.
- ☐
- Application Data Sheet. See 37 CFR 1.76

- 7.
- ☐
- CD-ROM or CD-R in duplicate, large table or
-
- Computer Program (Appendix)
-
8. Nucleotide and/or Amino Acid Sequence Submission
-
- (if applicable, all necessary)
-
- a.
- ☐
- Computer Readable Form (CRF)
-
- b. Specification Sequence Listing on:
-
- i.
- ☐
- CD-ROM or CD-R (2 copies); or
-
- ii.
- ☐
- paper
-
- c.
- ☐
- Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9.
- ☒
- Assignment Papers (cover sheet & documents(s))
-
- 10.
- ☐
- 37 CFR 3.73(b) Statement
- ☒
- Power of Attorney
-
- (when there is an assignee)
-
- 11.
- ☐
- English Translation Document (if applicable)
-
- 12.
- ☒
- Information Disclosure
- ☒
- Copies of IDS Citations
-
- Statement (IDS)/PTO-1449
-
- 13.
- ☐
- Preliminary Amendment
-
- 14.
- ☒
- Return Receipt Postcard (MPEP 503)
-
- (Should be specifically itemized)
-
- 15.
- ☒
- Certified Copy of Priority Document(s)
-
- (if foreign priority is claimed)
-
- 16.
- ☐
- Nonpublication Request under 35 U.S.C. 122
-
- (b)(2)(B)(i). Applicant must attach form PTO/SB/35
-
- or its equivalent.
-
- 17.
- ☒
- Other:
- Figs. 1-14, Credit Card Payment Form**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**☒ Customer Number **020457** OR ☐ Correspondence address belowName **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

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City

State

Zip Code

Country

Telephone

(703) 312-6600

Fax

(703) 312-6666

Name (Print/Type)

Wesley Kraus

Registration No. (Attorney/Agent)

22,466

Signature

Wesley Kraus

Date

February 20, 2004This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the
USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete,
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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 810.00**Complete if Known**

Application Number	
Filing Date	February 20, 2004
First Named Inventor	TAKEI, KEN
Examiner Name	
Art Unit	
Attorney Docket No.	520.43505X00

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

01-2135

Antonelli, Terry, Stout & Kraus, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims 11	-20** = 0	x 18	= 0
Indep. Claims 2	-3** = 0	x 86	= 0
Multiple Dependent		290	= 0

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$ 0.00		

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1051 130	2051 65	Surcharge - late filing fee or oath
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053 130	1053 130	Non-English specification
1812 2,520	1812 2,520	For filing a request for ex parte reexamination
1804 920*	1804 920*	Requesting publication of SIR prior to Examination action
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251 110	2251 55	Extension for reply within first month
1252 420	2252 210	Extension for reply within second month
1253 950	2253 475	Extension for reply within third month
1254 1,480	2254 740	Extension for reply within fourth month
1255 2,010	2255 1,005	Extension for reply within fifth month
1401 330	2401 165	Notice of Appeal
1402 330	2402 165	Filing a brief in support of an appeal
1403 290	2403 145	Request for oral hearing
1451 1,510	1451 1,510	Petition to institute a public use proceeding
1452 110	2452 55	Petition to revive - unavoidable
1453 1,330	2453 665	Petition to revive - unintentional
1501 1,330	2501 665	Utility issue fee (or reissue)
1502 480	2502 240	Design issue fee
1503 640	2503 320	Plant issue fee
1406 130	1460 130	Petitions to the Commissioner
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)
1806 180	1806 180	Submission of Information Disclosure Stmt
8021 40	8021 40	Recording each patent assignment per property (times number of properties)
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))
1801 770	2801 385	Request for Continued Examination (RCE)
1802 900	1802 900	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

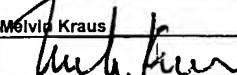
SUBTOTAL (3) (\$)

Fee Paid

40.00

40.00

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Melvin Kraus	Registration No. (Attorney/Agent)	22,466	Telephone	703-312-6600
Signature		Date	02/20/2004		

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